

THOMAS ADAMS AND ASSOC

Docket No. AP660761US

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

| | | INTERFERENCE SUPPRES | ssion in CDMA system | 19 | | |
|--|--|---|--|---|--------------------------|--|
| the spec | ification of which is suac | hed hereto unless the following box is | checked: | • | | |
| alo spo- | was filed on | as United States Application Nu | imber or PCT International | Application Number | | |
| | | | | | | |
| I hereby amendri | y state that I have review nent referred to above. | | • | | | |
| Regular | ions, §1.56. | se all information known to mo which | • | • | • | |
| patent o | r inventor's certificate, or | enefits under Title 35, United States Cor r §365(a) of any PCT international app we also identified below any foreign ap efore that of the application on which | plication for patent or inve | | | |
| applicat | don yaning a titing care o | PRIOR FOREIGN | APPLICATION(S) | Priority Clain | ned | |
| 5 | 2,318,658 | Canada | 12/09/00 | Yes | · · | |
| | (Number) | (Coupty) | (Day/Month/Your Disc) | Yes | (פא | |
| \ <u> -</u> | 2,293,097 | Canada | 23/12/99 | | No | |
| TU | (Number) | (County) | (Duy/Month/Year flied) | (Y c | No | |
| l hereb | y claim the begant under 60/171,604 | Title 35, United States Code, §119(e) 23/12/99 | of any United States provis | lonal application(s) Il | and below: | |
| 15 | (Application Number) | (Day/Month/Year filed) | Additional pro | visional application | numbers are | |
| -± *11 | 60/243,727 | 30/10/00 | listed on a supple | mental priority sheet | attached hereto | |
| TU | (Application Number) | (Day/Month/Year filed) | | | • | |
| I hereb applicate disclose \$112. I | tion designating the United to the United State of the prior United State acknowledge the duty to design the | r Title 35. United States Code, §120 of States of America, listed below and, it is or PCT international application in the disclose material information as defined for application and the national or PCT | insofar as the subject matter he manner provided by the f in Title 37, Code of Federal | r of each of the claim first paragraph of Titl Regulations, \$1.56(| e 35, United States Code | |
| | (Application Serial No.) | (Filing) | Desc) | (Scaus: pairmed, pon- | iling. abandoned) | |
| | | <u> </u> | | • | · | |
| | (Application Serial No.) | • | | (Scattus: patented, pen | | |
| Patent a | and Trademark Office cor I correspondence to Thon | (s), with full powers of substitution and nected therewith: Thomas Adams, Re nas Adams & Assoc., P.O. Box 11100 ns to Thomas Adams at (613) 828 001 | gistration No. 31078. , Station H. Ottawa, Ontari | • | | |

I hereby declare that all statements made betoin of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Tide 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Docket No. AP660761\US

| | - hailfles | December 15th 2000 |
|--|---|------------------------|
| AFFES, Sofiène | Signature of Piles or Solo Inversor | Date |
| Full Name of First or Sole Inventor | Signature of Part of 2000 | |
| | The Name Onebec Consider H2X 3P7 | Canada |
| 3550 Jeanne Mance Street, Ap | pt. E-720, Montreal, Quebec, Canada H2X 3P7 | Country of Cirizenship |
| Residence Address | | |
| | 207 2D7 | |
| 3550 Jeanne Mance Street, A | pt. E-720, Montreal, Quebec, Canada H2X 3P7 | |
| Post Office Address | | |
| LOTE OFFICE VANCOUS | M I D | December 15th 2000 |
| HANSEN, Henrik | Hairl Hans | Jecember 15, 2000 |
| | Signature of Second Investor | Date |
| Full Name of Second Inventor (if any) | | Denmark |
| Nørre Sidealle 4, 1.tv. DK-2 | 2200 Kobenhavn, Denmark | |
| | | Country of Chizconhip |
| Residence Address | | · |
| Nørre Sidealle 4, 1,tv. DK- | 2200 Kobenhavn, Denmark | |
| Post Office Address | | |
| Table Tabl | | Dea 16 2000 |
| MERMELSTEIN, Paul | Pare herendetein | Dec. 16, 2000 |
| Full Name of Third Inventor (If any) | Signature of Third Inventor | Date |
| 152 1 | | |
| COST Emerge Câte Sai | int-Luc, Quebec, Canada H4W 1G5 | Canada |
| | | Country of Chizenship |
| Residente Address | | |
| Casa Parana Câta Sa | int-Luc, Quebec, Canada H4W 1G5 | |
| 6832, rue Emerson, Cote 3a | III-Lde, Queece, c | |
| Post Office Address | | • |
| u · | | |
| " | | Date |
| Full Name of Fourth Investor (if any) | Signature of Pourth Inventor | , |
| | | |
| | | Country of Citizenship |
| Raidence Address | | Commy of Comments |
| | | |
| | | |
| Post Office Address | | • |
| | | |
| | | |
| Pull Name of Fifth Inventor (if any) | Stronger of Fifth Inventor | Date |
| | | |
| • | | |
| | | Country of Clitzenship |
| Residence Address | | • |
| ** | | • |
| | | |
| Post Office Address | | • |

ASSIGNMENT

(All rights, all countries)

In consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration, receipt of which is hereby acknowledged, each of the undersigned inventors (1) AFFES, Sofiène (2) HANSEN, Henrik and (3) MERMELSTEIN, Paul does hereby confirm his sale, assignment, transfer and setting over, and does hereby sell assign, transfer and set over to:

Institut National de la Recherche Scientifique

(Assignee).

(hereafter "the Assignee"), whose full post office address is:

2600 Boulevard Laurier, Suite 640, P.O. Box 7500, Sainte-Foy, Quebec, Canada G1V 4C7

its successors, assigns and legal representatives, his entire right, title and interest, including priority rights, for all countries in and to certain inventions as fully set forth and described in Canadian patent application No. 23293,097; United States provisional patent application No. 60/171,604, United States provisional patent application No. 60/243,727, and Canadian patent application No. 2,318,658, and in an International patent application and a United States patent application both entitled INTERFERENCE SUPPRESSION IN CDMA SYSTEMS to be filed claiming priority from one or more of the afore-mentioned applications, together with his entire right, title and interest in and to any and all Letters Patent which may issue or be re-issued for said inventions to the full end of the term for which each said Letters Patent may be granted:

AND hereby authorizes the issuance to said Assignee of any and all said Letters Patent not already issued as the assignee of his entire right, title and interest in and to the same, for the sole use and benefit of said assignee, its successors, assigns or legal representatives:

AND on behalf of himself and his executors and administrators, hereby covenants and agrees to do all such lawful acts and things and to execute without further consideration such further lawful assignments, documents, assurances, applications, and other instruments as may reasonably be required by said Assignee, its successors, assigns or legal representatives, to obtain any and all said Letters Patent, in any country, for said invention and vest the same in said Assignee, its successors, assigns or legal representatives.

Each of the undersigned inventors hereby grants the firm of Thomas Adams & Assoc. the power to insert in this Assignment any further identification which may be necessary or desirable to comply with rules for recordation of this Assignment in a patent office.

EXECUTED AT

This 15th day of December

2000

Witness' Signature

ELIAS C. HADDAD

INVENTOR 1: Sofiene Affei

| | Page 2 EXECUTED AT | |
|--|------------------------------|------|
| | This 15 day of December | 2000 |
| Winness' Signature (THER CHT DRISS | Henil Hemon | |
| Wimess' Name | INVENTOR 2: Henrik Hansen | |
| | EXECUTED AT | |
| Cleile | This 16 day of Dec | 2000 |
| Witness' Signature KARIM CHEIKHROUHOV | | |
| Wimess' Name | INVENTOR 3: Paul Mermelstein | |
| | EXECUTED AT | |
| : · | This day of | 2000 |
| Wimess' Signature | | |
| Witness' Name | INVENTOR 4: | |
| | | |
| -≛ 'U | EXECUTED AT This day of | 2000 |
| Witness' Signature | | |
| Wimess' Name | INVENTOR 5: a | |
| | EXECUTED AT | |
| | This day of | 2000 |
| Wimesa' Signature | | |
| Witness' Name | . INVENTOR 6: | |